

Listing and Amendments to the Claims

This listing of claims will replace the claims that were published in the PCT Application and annexed to the International Preliminary Report on Patentability:

1. (currently amended) Method for transcoding a N bits word into a M bits word, $N > M$, ~~characterized in that~~ wherein it comprises the following steps :

- breaking down the N bits word into an exponent part and a mantissa part having each a size which varies according to the value of said N bits word, the size of the mantissa part increasing with the value of said N bits word, and
- encoding the exponent part of the N bits word into a variable number of bits A and removing, if need be, least significant bits of the mantissa part in order to obtain a mantissa with a variable number of bits B, with $A+B=M$.

2. (currently amended) Device for transcoding a N bits word into a M bits word, $N > M$, ~~characterized it comprises~~ comprising

- means for breaking down the N bits word into an exponent part and a mantissa part having each a size which varies according to the value of said N bits word, the size of the mantissa part increasing with the value of said N bits word, and
- means for encoding the exponent part of the N bits word into a variable number of bits A and removing, if need be, least significant bits of the mantissa part in order to obtain a mantissa with a variable number of bits B, with $A+B=M$.

3. (currently amended) Plasma display panel comprising :

- a degamma means ~~(80)~~ for applying a degamma function to video input data ~~(Y[9:0])~~ and delivering N bits data;
- a transcoding device for transcoding said N bits data into M bits data, with $N>M$, and
- a mapping memory ~~(100)~~ for remapping the M bits data, ~~with $N>M$,~~
~~characterized in that~~ wherein said transcoding device ~~(90)~~ is a transcoding device according to claim 2.